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Yingling et al.(10) **Pub. No.: US 2010/0016409 A1**(43) **Pub. Date: Jan. 21, 2010**(54) **RNA NANOPARTICLES AND NANOTUBES****Related U.S. Application Data**(75) Inventors: **Yaroslava G. Yingling**, Cary, NC
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(2), (4) Date: **Sep. 1, 2009**(57) **ABSTRACT**

The instant invention provides polyvalent RNA nanoparticles comprising RNA motifs as building blocks that can form RNA nanotubes. The polyvalent RNA nanoparticles are suitable for therapeutic or diagnostic use in a number of diseases or disorders.

